

Key Energy Documents

The following compilation is a listing of key documents that is provided to better inform the greater Tucson community regarding various energy related topics. While not fully comprehensive, it is intended to provide a wide range of key documents that are widely used to justify policy decision making related to energy supply and management.

Facing the Hard Truths About Energy, National Petroleum Council, July 2007
http://downloads.connectlive.com/events/npc071807/pdf-downloads/Facing_Hard_Truths-Executive_Summary.pdf

The Rush to Ethanol: Not All Biofuels Are Created Equal, Food and Water Watch Network, Institute for Energy and Environment at the Vermont Law School, June 2007
<http://www.newenergychoices.org/uploads/RushToEthanol-rep.pdf>

Tomorrow's Energy Today: How to Ease New England's Energy Crisis and Curb Global Warming Pollution - Starting Now, Environment Maine, June 2007
<http://environmentmaine.org/envmaine.asp?id2=33603#1>

Impacts of a 15-Percent Renewable Portfolio Standard, Energy Information Agency, June 2007,
[http://www.eia.doe.gov/oiaf/servicerpt/prps//pdf/sroiaf\(2007\)03.pdf](http://www.eia.doe.gov/oiaf/servicerpt/prps//pdf/sroiaf(2007)03.pdf)

Report from Working Group III, Intergovernmental Panel on Climate Change (IPCC), May 2007, <http://www.ipcc.ch/SPM040507.pdf>

Climate Change 2007: Impacts, Adaptation and Vulnerability, April 6, 2007, International Panel on Climate Change, <http://www.ipcc.ch/SPM6avr07.pdf>

Comprehensive Sustainable Energy Plan, Concord, Massachusetts, March 11, 2007,
<http://www.bartlettcommunications.com/concordconserves/images/CSEP%20Final.pdf>

Tackling Climate Change in the U.S. Potential U.S. Carbon Emissions Reductions from Renewable Energy and Energy Efficiency by 2030, American Solar Energy Society, January 2007
<http://www.ases.org/climatechange/>

Energy Savings Potential of Solid State Lighting in General Illumination Applications, U.S. Department of Energy, December 2006
<http://www.netl.doe.gov/ssl/PDFs/SSL%20Energy%20Savings%20Potential%20Report%202006%20final4.pdf>

Impacts on US Energy Expenditures of Increasing Renewable Energy Use, RAND Corporation, Energy Future Coalition, November 2006
http://www.rand.org/pubs/technical_reports/2006/RAND_TR384.pdf

Emissions of Greenhouse Gases in the United States, U. S. Department of Energy - Energy Information Administration, November
<http://www.eia.doe.gov/oiaf/1605/ggrpt/index.html>

Why the Peak Oil Theory Falls Down: Myths, Legends, and the Future of Oil Resources Cambridge Energy Research Associates, Cambridge, MA, November 2006
<http://www.cera.com/asp/cda/public1/news/pressReleases/pressReleaseDetails.aspx?CID=8444>

The Economics of Climate Change, Sir Nicholas Stern, Head of the Government Economics Service and Adviser to the Government, HM Treasury, United Kingdom, October 2006
http://www.hm-treasury.gov.uk/independent_reviews/stern_review_economics_climate_change/sternreview_index.cfm

American Energy: The Renewable Path to Energy Security, Worldwatch Institute, September 2006
<http://images1.americanprogress.org/il80web20037/americanenergynow/AmericanEnergy.pdf>

Advanced Energy Initiative, U.S. Department of Energy, February 2006
<http://www.whitehouse.gov/stateoftheunion/2006/energy/index.html>

Surface Temperature Reconstructions for the Last 2,000 Years , National Academy of Sciences, 2006
http://dels.nas.edu/dels/reportDetail.php?link_id=3475&session_id=

Environmental Protection Agency Climate Change Web Site
<http://www.epa.gov/climatechange/index.html>

The Costs and Impacts of Intermittency: An assessment of the evidence on the costs and impacts of intermittent generation on the British electricity network, UK Energy Research Center, April 2006
<http://www.ukerc.ac.uk/content/view/258/852>

Letting the Sun Shine on Solar Costs: An Empirical Investigation of Photovoltaic Cost Trends in California, Lawrence Berkeley National Laboratory, January 2006
<http://eetd.lbl.gov/EA/EMP/>

Climate Change Action, Executive Order 2006-13, September 2006, Gov. Janet Napolitano, State of Arizona

http://azgovernor.gov/dms/upload/EO_200613_90806_.pdf

Implementing Renewable Energy and Energy Efficiency in New State Buildings, Executive Order 2005-06, Gov. Janet Napolitano, State of Arizona

http://azgovernor.gov/dms/upload/2005_05.pdf

The World Energy Outlook 2006, International Energy Agency (IEA), November 2006

<http://www.worldenergyoutlook.org/>

National Energy Policy, Report of the National Energy Policy Development Group, May 2001

<http://www.whitehouse.gov/energy/National-Energy-Policy.pdf>

A New Energy Future: The Benefits of Energy Efficiency and Renewable Energy for Cutting America's Use of Fossil Fuels, Environment California, September 2006

<http://www.environmentcalifornia.org/reports/energy/energy-program-reports/a-new-energy-future>

A Blueprint for Energy Security: Addressing Consumer Concerns About Gasoline Prices and Supplies by Reducing Consumption and Imports, Consumer Federation of America, May 2006

http://www.consumerfed.org/pdfs/Energy_Blueprint.pdf

Net Energy Balance of Ethanol Production - Issue Brief, Ethanol Across America, Fall 2004

http://www.ethanolacrossamerica.net/04CFDC-003_IssueBrief.pdf

The Inevitable Peaking of World Oil Production, Robert L. Hirsch, Bulletin of The Atlantic Council of the United States, October 2006

http://www.d-n-i.net/fcs/pdf/hirsch_world_oil_production.pdf

How much land will PV need to supply our electricity? U.S. Department of Energy. Energy Efficiency and Renewable Energy

<http://www.nrel.gov/docs/fy04osti/35097.pdf>

SB 1: One Million Solar Roofs, California Statutes

<http://gov.ca.gov/index.php/press-release/3588/>

Ethanol Can Contribute to Energy and Environmental Goals, Alexander E. Farrell, et. al., Science, vol 311 page 506, 27 January 2006
<http://www.sciencemag.org/cgi/content/short/311/5760/506>

The Road to a New Energy Future: Energy Efficiency and Renewable Energy Technologies for a Cleaner, More Secure Energy Future, New Hampshire Public Interest Group, October 2006
<http://nhpirg.org/NH.asp?id2=28347>

The Ethanol Myth – A Special Report, Consumer Reports, October 2006

The Energy Balance of Corn Ethanol: An Update, Hosein Shapouri, James A. Duffield, and Michael Wang, USDA Office of Energy Policy and New Uses, AER-813
http://www.ethanol-gec.org/corn_eth.htm

Arizona Corporations Commission, Renewable Energy Standards, October 31, 2006
<http://www.cc.state.az.us/utility/electric/Res%20Final%20rulemaking%2010-06.doc>

Ethanol Fuels: Energy Balance, Economic, and Environmental Impacts are Negative, David Pimentel, International Association for Mathematical Geology, Natural Resources Research, Vol. 12, No. 2, June 2003
<http://www.ethanol-gec.org/netenergy/neypimentel.pdf>

Endorsing The U.S. Mayors Climate Protection Agreement, Adopted Resolutions, U.S. Conference Of Mayors, 2005
http://www.usmayors.org/uscm/resolutions/73rd_conference/env_04.asp

Interim Order Adopting Policies And Funding For The California Solar Initiative, Public Utilities Commission Of The State Of California, Rulemaking 04-03-017, March 16, 2004
http://www.cpuc.ca.gov/PUBLISHED/FINAL_DECISION/52898.htm

Clean Energy, A Strong Economy and a Healthy Environment, A Report of the Western Governors Association's Clean and Diversified Energy Advisory

Committee, June 11, 2006

<http://www.westgov.org/wga/meetings/am2006/CDEAC06.pdf>

Community Strategic Energy Plan, Tucson-Pima Metropolitan Energy Commission, Summer 1995 <http://www.tucsonmec.org/energyplan.htm>

Rocky Mountain Institutes' 2002 work Small is Profitable. (This work is also available in its entirety from www.smallisprofitable.org <<http://www.smallisprofitable.org/>> in either .PDF or softcover form.

The attached document is a summary of distributed generation benefits from this resource.

Other documents include Arizona based analysis on renewable energy and energy efficiency.

Also the Southwest Renewable Energy Project ("SWEEP") has a series of policy and practice publications on energy efficiency geared toward the southwest at <http://www.swenergy.org/>

Catching Up: Progress with Utility Energy Efficiency Programs in the Southwest, May 2006

Demand Response: An Introduction, May 2006

Tri-State Generation and Transmission Association's Resource Plan: Analysis and Alternatives, April 2006

Review of Energy-Efficient New Homes Programs in the Southwest, February 2006

Natural Gas DSM Programs: A National Survey, January 2006

Low-Cost Energy Efficiency Measures: Neighborhood Blitz, Direct Install, and Conservation Kit Programs, December 2005

Policies and Programs for Increasing the Adoption of High-Efficiency Lighting in Homes in the Southwest, October 2005

Energy Efficiency Policies and Programs in the Southwest, September 2005

Lighting Systems in Southwestern Homes: Problems and Opportunities, July 2005

Policies and Programs for Saving Energy Through Enhanced Duct Systems, April 2005

Duct Systems in Southwestern Homes: Problems and Opportunities, April 2005

Energy Efficiency Policies and Programs in the Southwest, March 2005

Nevada Energy Efficiency Strategy
January 2005

Windows and Window Treatments
October 2004

Policies and Programs for Expanding the Use of High Efficiency Fenestration Products in Homes in the Southwest, October 2004

Utility Energy Efficiency Policies and Programs in the Southwest, September 2004

Evaporative Cooling Policy and Program Options: Promising Peak Shaving in a Growing Southwest May 2004

New Evaporative Cooling Systems: An Emerging Solution for Homes in Hot Dry Climates with Modest Cooling Loads April 2004

Increasing Energy Efficiency in New Buildings in the Southwest: Energy Codes and Best Practices August 2003

The New Mother Lode: The Potential for More Efficient Electricity Use in the Southwest, Southwest Energy Efficiency Project - November 2002

Utility Energy Efficiency Programs and Systems Benefit Charges in the Southwest, Howard Geller - April 2002